

Spring Mill State Park



Spring Mill State Park Grist Mill

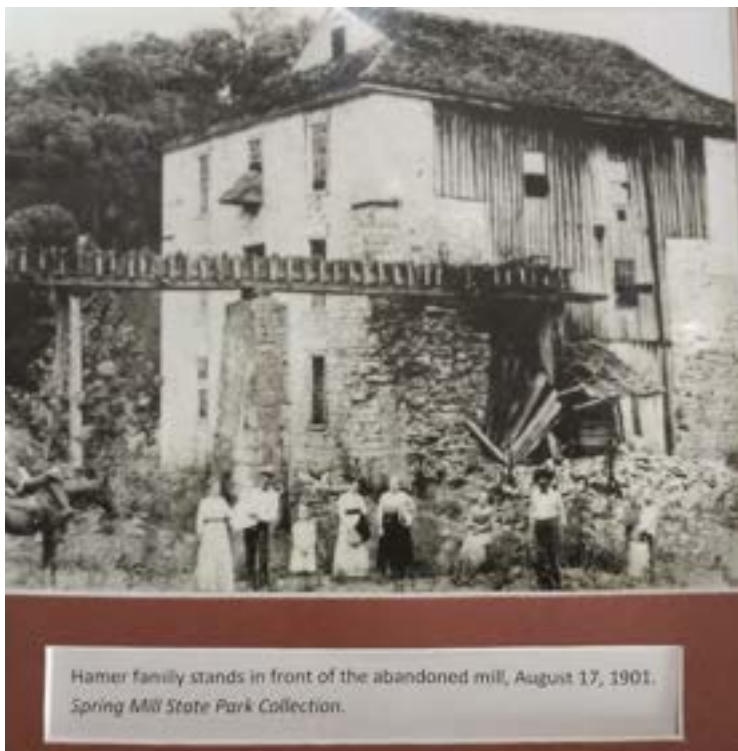


Overview of grist mill in the pioneer village

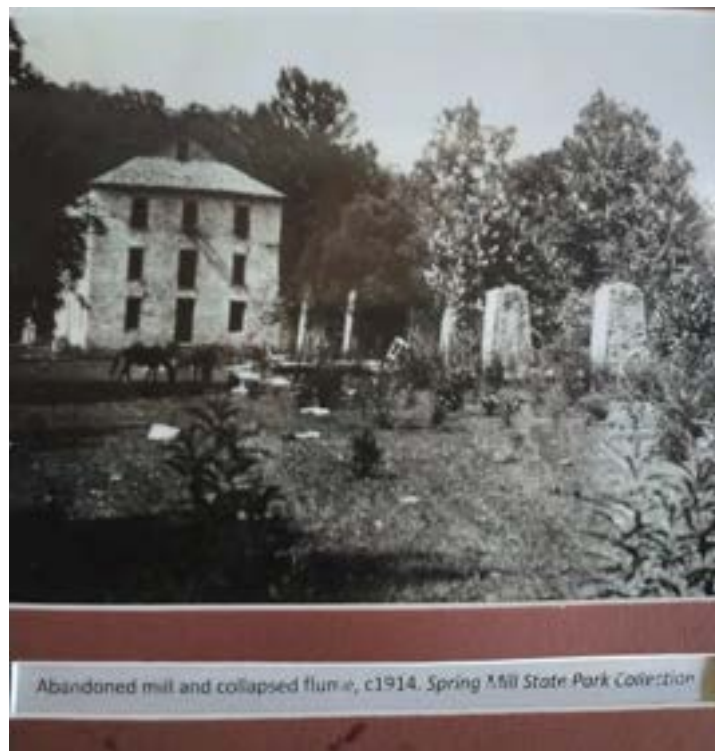


Draeger family site visit ~1992

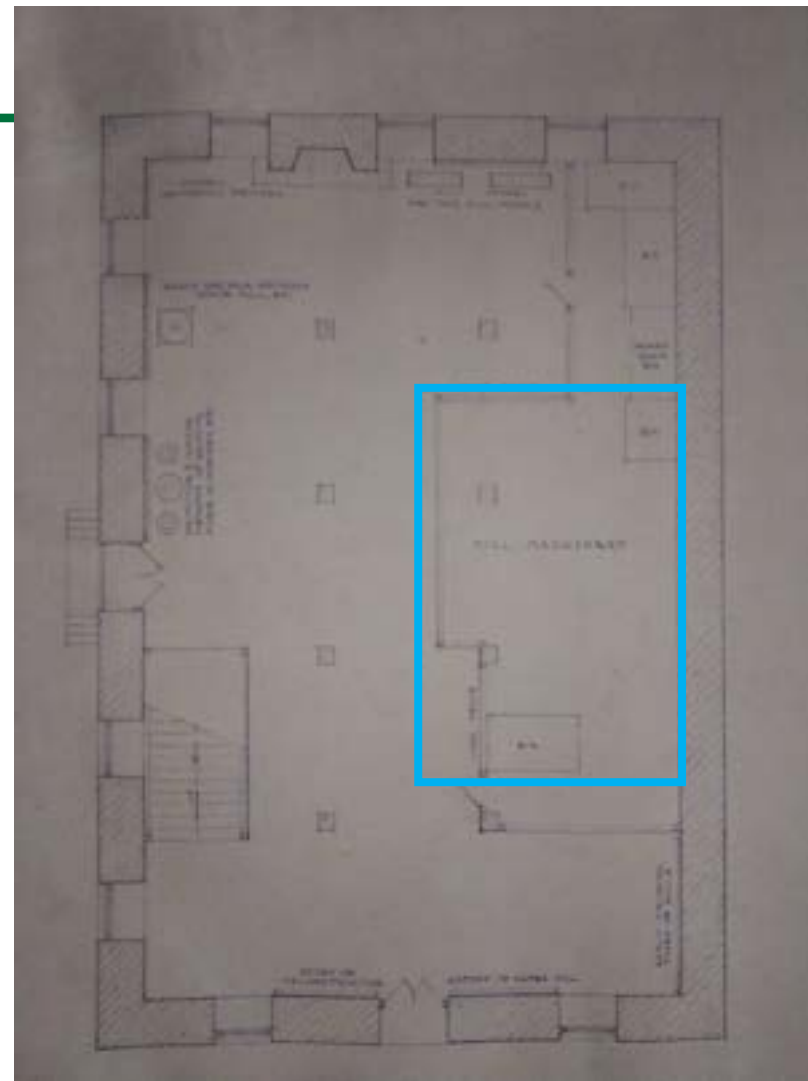
Research



1901 southeast corner of mill showing siding, windows, and wheel on east side of mill with flume

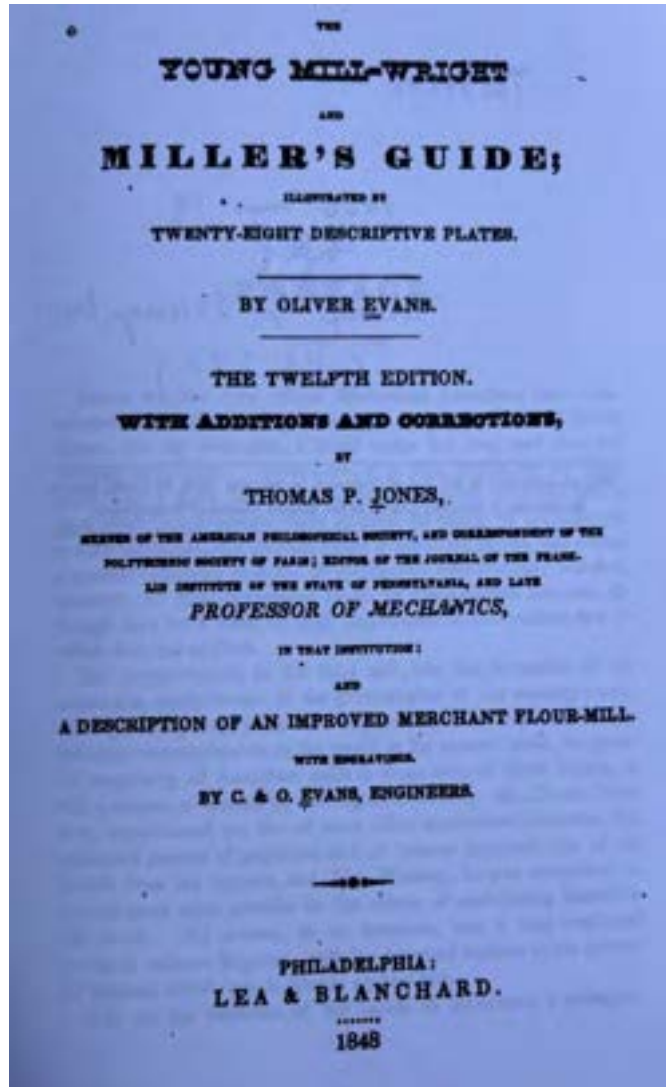


1914 view of south side of mill with flume stone piers to the right

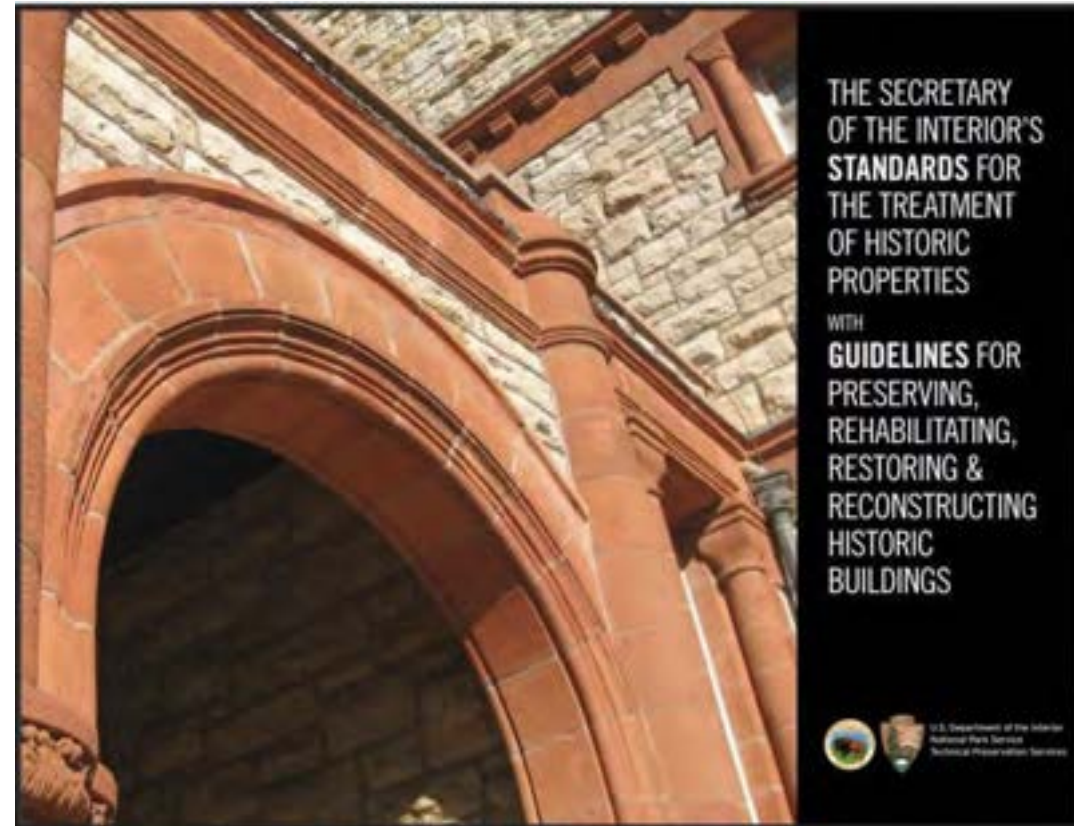


Planview of mill with mill machinery area marked in blue

Research



Secretary of the Interior Standards



Project Submission Review

APPLICATION FOR A CERTIFICATE OF APPROVAL
State Form 5246 (02-8-12)
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF HISTORIC PRESERVATION AND ARCHITECTURE

Please provide the information requested in the numbered items below, or explain why it is inapplicable. Please attach additional sheets as needed for complete explanation.

Date (month, day, year): 1 December 2022

☒ This is a new submittal.
☐ This is revised/additional information relating to DHPA number _____.
☐ This project will also be applying for Federal Rehabilitation Investment Tax Credit.
☐ This project will also include federal involvement and will therefore be undergoing a Section 106 review.

1) Identify the state agency that will be spending or providing the funds and if applicable the entity (local government, not-for-profit organization, etc.) that is applying for or that has received the state funds. Also, if applicable, indicate which grant program is being utilized.

Indiana Department of Natural Resources, Division of State Parks, Spring Mill State Park, with deferred maintenance funding from Indiana Department of Administration

2) Provide the name, mailing address, telephone number, and e-mail address of the principal contact person for this application. The principal contact person may be an official or an employee of the state agency, applicant, or the applicant's consultant or other agent.

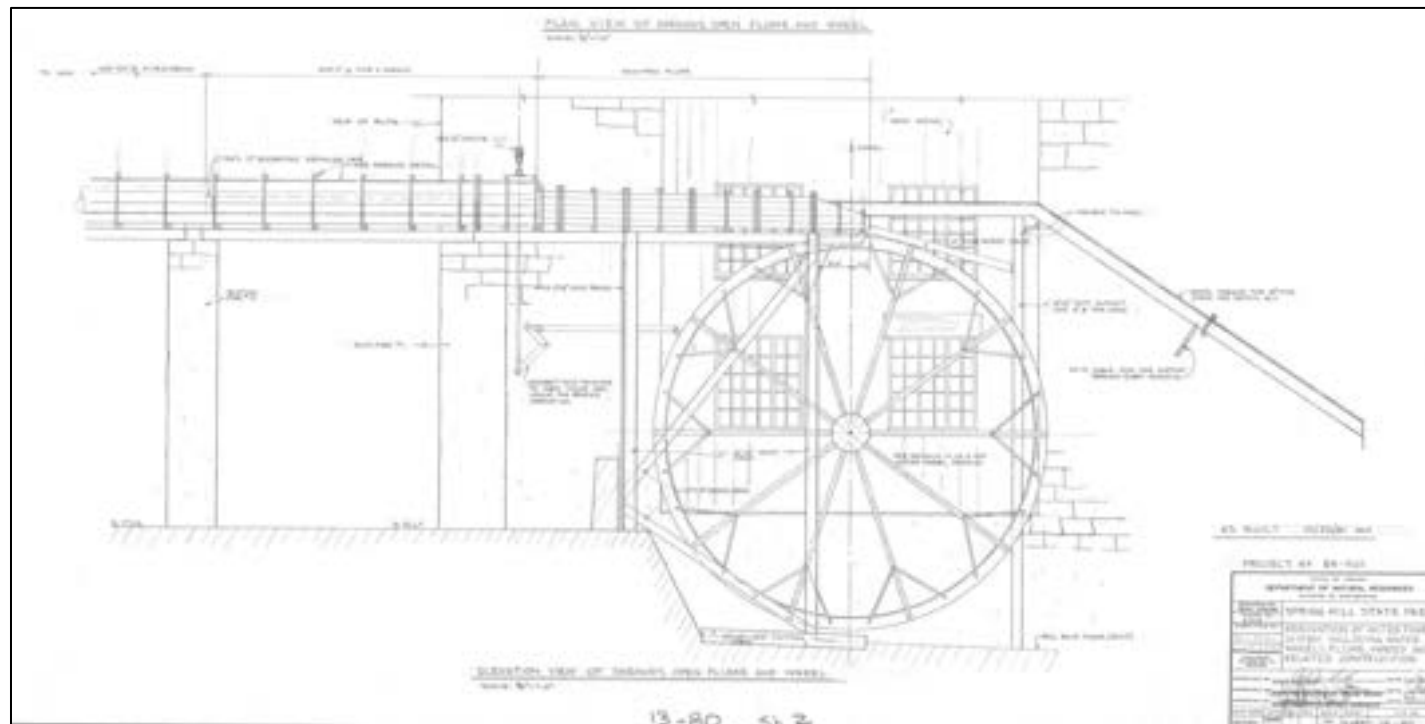
Benjamin Clark, Cultural Resources Manager, Indiana State Parks, 462 W. Washington St., W256, Indianapolis, IN 46204, bclark@dnr.in.gov

3) As applicable, provide the address, and the nearest city or town, township, and county of the proposed project.

Spring Mill State Park, Mitchell, Lawrence County, Indiana

4) Provide a detailed description of all construction, demolition, landscaping, earthmoving, rehabilitation, and installation activities proposed as part of this project (i.e., scope of work). This needs to include as much detail as possible at the time of submission. If you have copies of estimates or descriptions of proposed work from contractors there can be attached. If replacement of historic materials/features is proposed then documentation of the current condition justifying the need for replacement along with information on proposed replacement materials/items must be provided.

The Indiana DNR's Division of Engineering has compiled a scope of work for a project to do work on the Spring Mill State Park's Pioneer Village grist mill. The scope includes replacing the waterwheel, shaft, inside main gear, and related hardware components (gudgeons and bearing plate). Additional, related scope includes removal and replacement of the windows and a portion of the exterior wall and siding (up to the third-floor level) facing the waterwheel, to facilitate replacement of the shaft. The scope will also include replacement of approximately 500-feet of flume boards, which consists a pipe that delivers water to the wheel, in an overshot fashion. Various beams, sill plates and window wall in the mill need to be replaced. The stone in the mill and in the pillars need to be footpacked. The much smaller sawmill flume needs to be replaced. The water pipe inside the flume that brings the water from the dam to the wheel is in poor condition and needs to be replaced. It is the structure that supports the wood flume. The pipe is rusted and there are reports of it leaking. There are two gate valves at the dam and a steel grate that should be replaced as part of the project. Please see attached document for further details.



Project review goal = Permit Approval

Site Visit



East side of mill, including access and staging area



Wheel and shaft to be replaced



Exterior view of windows and siding



Close up of shaft entrance into mill



Standing inside the wheel view of rotting wood



Lichen on stone needing cleaned to inspect mortar



Inside view



Close up of windows interior view



Gudgeon will need to be examined, cleaned, and replaced if needed



Interior side view of first gear to be replaced
(wooden teeth replaced regularly)



Flooring to be removed to access the damaged sill



View from basement of damaged sill



Flume leading from dam to the mill.



Close up of stone pier with the flume above



View of flume heading towards the mill



Close up of pipe inside the wooden flume

Mill Feb 2024



Flume Condition / Demo



Flume Structure



Flume Re-Build





Tree for New Shaft



Shaft Transport



Shaft Sizing







Shaft Install



Window Restoration









Mill March 2025





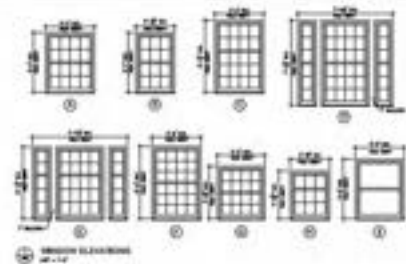
Spring Mill Inn





Project Review and Design





A



B WINDOW



C



D



E



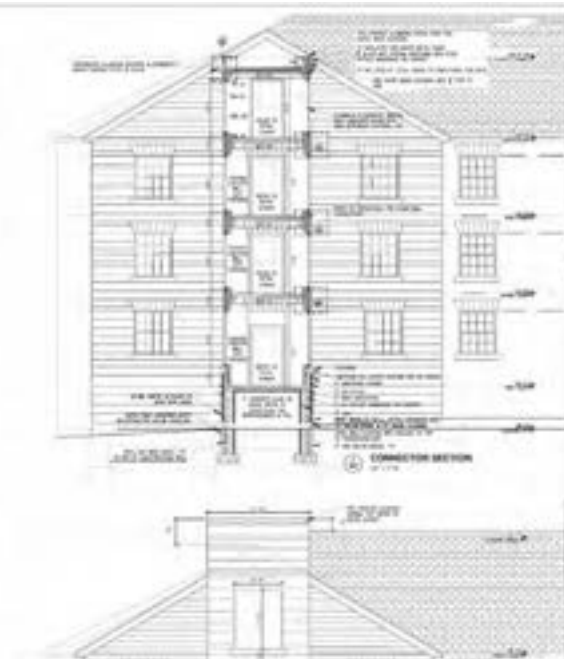
F



G



H



TEC
The Environmental
Consulting
Company

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SPRING MILL INN
Spring Mill State Park
Lawrence County
Michigan, Indiana & Ohio







Indiana Landmarks' Renaissance Award

The \$30 million renovation of Spring Mill Inn in Mitchell has won Indiana Landmarks' Renaissance Award, recognizing the State of Indiana's extraordinary commitment to preserving the 1939 limestone inn in Spring Mill State Park.

“We are pleased to recognize the State's forward-looking investment in restoring such a beloved public landmark,” says Brad Ward, president of Indiana Landmarks. “Our state parks are important historic and natural assets, and projects like this ensures they will continue to enrich generations to come.”

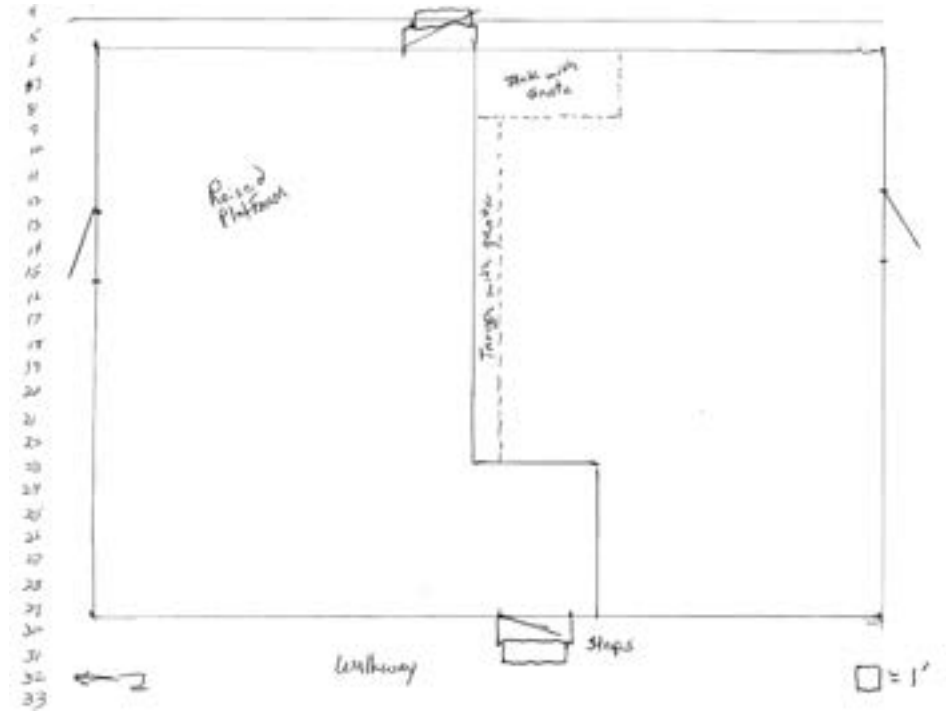
Spring Mill Distillery



Research and Documentation



Historic photograph of distillery around 1910
with mill in background

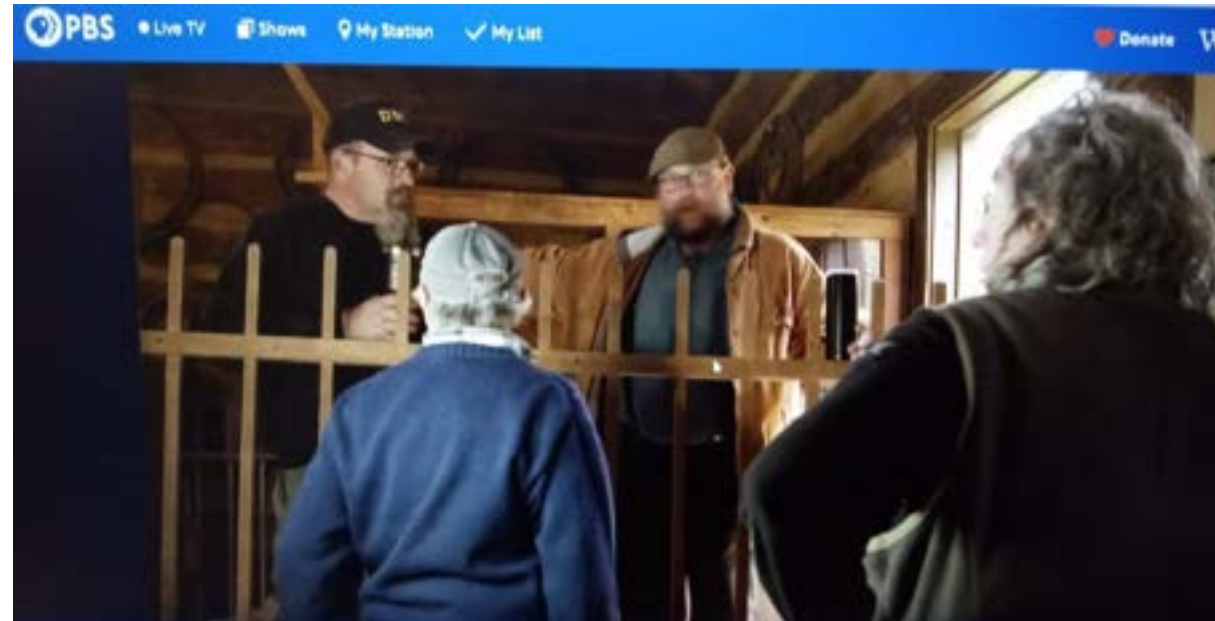


Drawing of proposed trench and tank locations
within the floor of the existing distillery











Thank you!

Questions?